

## HIA.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Raivani, et al.

Art Unit : 2171

Serial No.: 10/743,343 Filed : December 23, 2003 Examiner : Unknown

Title

: MULTI-MODAL WAREHOUSE APPLICATIONS

## MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. This application was filed after July 1, 2003; therefore, only copies of foreign patent documents and non-patent literature are being furnished.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

J. Richard Soderberg Reg. No. 43,352

PTO Customer Number 32864

Fish & Richardson P.C., P.A. 60 South Sixth Street

Suite 3300

Minneapolis, MN 55402 Telephone: (612) 335-5070

Facsimile: (612) 288-9696

60239698.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Depos

Debra L. Miedema

Typed or Printed Name of Person Signing Certificate

AUG 2 6 2004 LL Syntatitute Form PTO 449 (Modified)

Receipt date: 08/26/2004

U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement

Attorney's Docket No. Application No. 13909-137001 10/743,343 Applicant Raiyani, et al. Filing Date Group Art Unit

2171

by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))

**U.S. Patent Documents** Examiner Desig. Document Publication Filing Date Initial Number ID Date Patentee Class Subclass If Appropriate /D.A./ AA 5,734,910 03/31/1998 Corrigan et al. /D.A./ AB 5.945.989 08/31/1999 Freishtat et al. /D.A./ AC Abelow 5,999,908 12/07/1999 /D.A./ AD 6.012.030 01/04/2000 French-St. George et al. /D.A./ 09/12/2000 ΑE 6,119,147 Toomey et al. /D.A./ ΑF 6,173,266 01/09/2001 Marx et al. /D.A./ AG 2001/0049603 12/06/2001 Sravanapudi et al. /D.A./ ΑH 6,330,539 12/11/2001 Takayama et al. /D.A./ ΑI 6,363,393 03/26/2002 Ribitzky /D.A./ ΑJ 04/23/2002 Coffman et al. 6.377.913 /D.A./ AK 6,501,832 12/31/2002 Saylor et al. /D.A./ ΑL 6.513.063 01/28/2003 Inlia et al /D.A./ AM 6,523,061 02/18/2003 Halverston et al.

December 23, 2003

|          | Foreign Patent Documents or Published Foreign Patent Applications |          |             |               |       |          |       |         |
|----------|---|----------|-------------|---------------|-------|----------|-------|---------|
| Examiner | Desig.  | Document | Publication | Country or    |       |          | Trans | slation |
| Initial  | ID D  | Number   | Date        | Patent Office | Class | Subclass | Yes   | No      |

|          | Other Documents (include Author, Title, Date, and Place of Publication) |  |  |  |
|----------|---|--|--|--|
| Examiner | Desig.  |  |  |  |
| Initial  | ID  | Document   |  |  |
|          |   | Albert, Dietrich, et al., "Adaptive and Dynamic Hypertext Tutoring Systems Based on Knowledge    |  |  |
|          |   | Space Theory," in Artificial Intelligence in Education: Knowledge and Media in Learning Systems, |  |  |
|          | AN  | Benedict du Boulay and Riichiro Mizoguchi, Eds., 39:553-555 (1997), IOS Press, Amsterdam,        |  |  |
| /D.A./   |   | retrieved from the Internet on August 20, 2004, at   |  |  |
| /D.A./   |   | http://wundt.kfunigraz.ac.at/rath/publications/aied-97.pdf                                       |  |  |
|          |   | Altenhofen, Michael, et al., "Adaptation and Use," in Cooperative Computer-Aided Authoring and   |  |  |
| /D.A./   | AO  | Learning: A Systems Approach, Muehlhaeuser, Max, Ed., 1995, Kluwer Academic Publishers,          |  |  |
| ID.NJ    |   | Dordrecht, Netherlands, pp. 293-318  |  |  |
|          |   | Amazon.com, "Amazon.com - Your Store," undated materials, retrieved from the Internet on         |  |  |
| /D.A./   | AP  | December 23, 2003, at http://www.amazon.com.exec/obidos/tg/stores/your/store-home/-              |  |  |
| /U.M./   |   | /0/ref=pd_ysl_gw_fr_2/102-338, 4 pgs.  |  |  |
|          |   | Amazon.com, "Search Books at Amazon.com," undated materials, retrieved from the Internet on      |  |  |
| /D.A./   | AQ  | November 1, 2002, at http://www.amazon.com/exec/obidos/ats-query-page/ref=b tn bh bo/002-        |  |  |
| /D.A./   |   | <u>6912623-71384</u> , 2 pgs.  |  |  |

Examiner Signature /Dana Amsdell/

Date Considered 11/24/2008

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Substitute Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b)) |  | Attorney's Docket No.<br>13909-137001 | Application No. 10/743,343 |
|---|--|---------------------------------------|----------------------------|
|   |  | Applicant<br>Raiyani, et al.          |                            |
|   |  | Filing Date<br>December 23, 2003      | Group Art Unit<br>2171     |

|                 | Other D      | ocuments (include Author, Title, Date, and Place of Publication)  |
|-----------------|--------------|---|
| Examiner        | Desig.       |   |
| Initial         | ID           | Document  |
| /D.A./          | AR           | Clark, Scott, "VXML Home: Voice XML Articles, Tutorials and Features," 2002, retrieved from the Internet on October 30, 2002, at <a href="http://www.webreference.com/programming/vxml/">http://www.webreference.com/programming/vxml/</a> , 3 pgs. |
| /D.A./          | AS           | Classen, Michael, "The Voice of XML," June 6, 2001, retrieved from the Internet on October 30, 2002, at http://www.webreference.com/xml/column33/index.html, 10 pgs.  |
|                 |              | Compag, "Customize Your Configuration," undated materials, retrieved from the Internet on   |
| /D.A./          | AT           | May 13, 2002, at  |
| , 50 11         |              | http://athome.compaq.com/configuration.asp?tab=0&fromScratch=Y&ProductLineID=441, 5 pgs.  |
|                 |              | Dell Computer Corporation, "Dell Express Path II: Computer Finder," undated materials, retrieved  |
| /D.A./          | AU           | from the Internet on May 13, 2002, at   |
| , 20 10         |              | http://catalog.us.dell.com/ep2/ep2selection.asp?customer_id=19&keycode=6V127, 2 pgs.  |
| I/D A /         | AV           | Eisenzopf, Jonathan, "Microsoft-led SALT Forum Releases Draft Spec," 2002, retrieved from the   |
| /D.A./          | AV           | Internet on October 30, 2002, at http://voicexmlplanet.com/articles/saltspec.html, 4 pgs.   |
|                 |              | Henze, Nicola, et al., "Modeling Constructivist Teaching Functionality and Structure in the KBS   |
|                 | AW           | Hyperbook System," June 4, 1999, retrieved from the Internet on August 20, 2004, at   |
| /D.A./          |              | http://www.kbs.uni-hannover.de/Arbeiten/Publikationen/1999/aied99/aied99.pdf, 12 pgs.   |
|                 |              | Hewlett-Packard Company, "HP Support - Directory of Hewlett-Packard Support Information,"   |
|                 | AX           | undated materials, retrieved from the Internet on November 1, 2002, at  |
| /D.A./          | ^^           | http://welcome.hp.com/country/us/eng/support.htm, 5 pgs.  |
|                 |              |   |
| /D.A./          | AY           | Hewlett-Packard Company, "My HP, My Way!" undated materials, retrieved from the Internet on   |
|                 |              | November 1, 2002, at http://ctodirect.ebus.hp.com/servlet/com.hp.ibs.confighpd.ConfigHpd, 3 pgs.  |
| /D.A./          | AZ           | Hunt, Andrew, Ed., "JSpeech Grammar Format," June 5, 2000, retrieved from the Internet on   |
|                 |              | August 20, 2004, at http://www.w3.org/TR/2000/NOTE-jsgf-20000605, 31 pgs.   |
|                 | 1            | Jin, Lai, et al., "An Ontology-Aware Authoring Tool - Functional Structure and Guidance   |
| /D.A./          | AAA          | Generation," undated materials, retrieved from the Internet on August 20, 2004, at  |
| IU.A.           |              | http://www.ei.sanken.osaka-u.ac.jp/pub/kin/kin-aied99.pdf, 8 pgs.   |
|                 |              | Jungmann, Michael, et al., "Adaptive Hypertext in Complex Information Spaces," technical report,  |
| /D.A./          | ABB          | Technical University of Ilmenau, March 8, 1997, 5 pgs.  |
|                 |              | Jupitermedia Corporation, "KnowNow Debuts with Event Routing Technology," June 28, 2001,  |
|                 | ACC          | retrieved from the Internet on October 30, 2002 at  |
| /D.A./          | Acc          | http://siliconvalley.internet.com/news/print.php/793671, 2 pgs.   |
|                 | -            | KnowNow, Inc., "Event Routing vs. Multicasting: Marrying Publish-Subscribe and Internet-Style   |
| /D.A./          | ADD          |   |
|                 |              | Routing," 2002, 3 pgs.  |
| /D.A./          | AEE          | KnowNow, Inc., "KnowNow Architecture Overview," 2002, 5 pgs.  |
| /D.A./          | AFF          | KnowNow, Inc., "KnowNow, Inc. > Products > Library," 2002, retrieved from the Internet on   |
| ID.R.I          | Arr          | December 5, 2002, at http://www.knownow.com/products/library.html 1 pg.   |
| /D. <b>A.</b> / | AGG          | KnowNow, Inc., "Web-Standard Messaging: Using Message Routing for Fast, Simple and  |
| /D.A./ AG       | AGG          | Affordable Integration," 2002, 4 pgs.   |
|                 |              | Muehlhaeuser, Max, et al., "Base System and Hypermedia," in Cooperative Computer-Aided  |
| /D.A./          | AHH          | Authoring and Learning: A Systems Approach, Muehlhaeuser, Max, Ed., 1995, Kluwer Academic   |
|                 |              | Publishers, Dordrecht, Netherlands, pp. 165-192   |
|                 | <del> </del> | Muchlhaeuser, Max, et al., "Instructional Strategies and Processes," in Cooperative Computer-Aided  |
|                 | AII          | Authoring and Learning: A Systems Approach, Muehlhaeuser, Max, Ed., 1995, Kluwer Academic   |
| /D.A./          | All          |   |
|                 | 1            | Publishers, Dordrecht, Netherlands, pp. 273-291   |

Examiner Signature /Dana Amsdell/ Date Considered 11/24/2008

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

| Substitute Form PTO-1449 (Modified)  |  |                              | Application No. 10/743,343 |
|--|--|------------------------------|----------------------------|
| Information Disclosure Statement<br>by Applicant<br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Raiyani, et al. |                            |
|  |  | Filing Date                  | Group Art Unit             |
|  |  | December 23, 2003            | 2171                       |

|          | Other Documents (include Author, Title, Date, and Place of Publication) |  |  |  |
|----------|---|--|--|--|
| Examiner | Desig.  |  |  |  |
| Initial  | ID  | Document   |  |  |
| /D.A./   | AJJ   | Muchilaeuser, Max, et al., "The Nestor Reference Architecture," in <u>Cooperative Computer-Aided</u> <u>Authoring and Learning: A Systems Approach</u> , Muchilaeuser, Max, Ed., 1995, Kluwer Academic Publishers, Dordrecht, Netherlands, pp. 107-130   |  |  |
| /D.A./   | AKK   | Nuance Communications Inc., "Press Release: Nuance 8.0 Delivers Lower Costs for Enterprises and Service Providers, Boosts Customer Satisfaction with Superior Accuracy and Personalized Caller Interactions," January 14, 2002, retrieved from the Internet on October 30, 2002, at <a href="http://www.nuance.com/corp/press/2002/20020114_nuance8.hmml">http://www.nuance.com/corp/press/2002/20020114_nuance8.hmml</a> , 4 pgs.                       |  |  |
| /D.A./   | ALL   | Nuance Communications Inc., "Press Release: Nuance Backs W3C for Multi-Modal Applications Standard Setting," February 5, 2002, retrieved from the Internet on October 30, 2002, at <a href="http://www.nuance.com/corp/press/2002/2002005_nuancebacksw3c_int.html">http://www.nuance.com/corp/press/2002/2002005_nuancebacksw3c_int.html</a> , 2 pgs.  |  |  |
| /D.A./   | AMM   | Nuance Communications Inc., " <log> element," retrieved from the Internet on April 2, 2003, at http://techpreview.voxeo.com/docs/vxml/nuance20/log.html, 1 pg.</log>   |  |  |
| /D.A./   | ANN   | Nuance Communications Inc., "Tuning Automated Speech Applications (3 days)," retrieved from the Internet on December 23, 2003, at http://www.nuance.com/learn/training/courses/tuningautomatedspeechapps.html, 2 pgs.  |  |  |
| /D.A./   | A00   | Nuance Communications Inc., "VoiceBrowser Interface," retrieved from the Internet on April 2, 2003, at http://techpreview.voxeo.com/docs/vxml/nuance20/voicebrowint.html, 5 pgs.   |  |  |
| /D.A./   | APP   | Paaso, Jouko, et al., "A New Environment for Courseware Development, Course Delivery and Training," Proceedings of the ED-Media 97, Toronto, Ontario, Canada, 10 pgs.  |  |  |
| /D.A./   | AQQ   | Ranwez, Sylvie, et al., "Description and Construction of Pedagogical Material Using an Ontology Based DTD," Workshop on AI-ED '99, Ninth International Conference on Artificial Intelligence in Education, Le Mans, France, July 19-23, 1999, retrieved from the Internet on August 23, 2004, at <a href="https://www.ei.sanken.osaka-u.ac.jp/aied99/a-papers/S-Ranwez.pdf">https://www.ei.sanken.osaka-u.ac.jp/aied99/a-papers/S-Ranwez.pdf</a> , 4 pes |  |  |
| /D.A./   | ARR   | Riben, Michael, M.D., "Voice Recognition for Pathology Tutorial," January 21, 1999, retrieved from the Internet on May 27, 2002, at <a href="http://home.nycap.rr.com/voice/Introduction.htm">http://home.nycap.rr.com/voice/Introduction.htm</a> , 50 pgs.  |  |  |
| /D.A./   | ASS   | ScanSoft, Inc., "ScanSoft - Product Catalog," 2002, retrieved from the Internet on November 1, 2001, at http://www.scansoft.com/products/, 8 pgs.  |  |  |
| /D.A./   | ATT   | Schaper, Joachim, et al., "ADP Authoring/Learning," in <u>Cooperative Computer-Aided Authoring</u><br>and <u>Learning</u> : A <u>Systems Approach</u> , Muchlhaeuser, Max, Ed., 1995, Kluwer Academic Publishers,<br>Dordrecht, Netherlands, pp. 145-161   |  |  |
| /D.A./   | AUU   | Siekmann, Joerg, et al., "Adaptive Course Generation and Presentation," retrieved from the Internet on August 23, 2004, at http://www.activemath.org/~paul/Publications/2000ITS/ActiveMathOverview.pdf, 10 pgs.  |  |  |
| /D.A./   | AVV   | Speech Application Language Tags ("SALT") Forum, "Cisco, Converse, Intel, Microsoft, Philips and SpeechWorks Found Speech Application Language Tags Forum to Develop New Standard For Multimodal and Telephony-Enabled Applications and Services," October 15, 2001, retrieved from the Internet on October 30, 2002, at <a href="https://www.saltforum.org/Oct15.asp.5">https://www.saltforum.org/Oct15.asp.5</a> pgs.                                  |  |  |
| /D.A./   | AWW   | Speech Application Language Tags ("SALT") Forum, "The SALT Forum Welcomes Additional Technology Leaders as Contributors," January 31, 2002, retrieved from the Internet on October 30, 2002, at <a href="http://www.saltforum.org/Jan31.asp">http://www.saltforum.org/Jan31.asp</a> , 4 pgs.   |  |  |
| /D.A./   | AXX   | Speech Application Language Tags ("SALT") Forum, "Speech Application Language Tags (SALT) Technical White Paper," printed from http://www.saltforum.org/Saltforum/downloads/SALTTechnicalWhitePaper.pdf, 6 pgs.  |  |  |

| Examiner Signature /Dana Amsdell/  | Date Considered      | 11/24/2008  |
|--|----------------------|---|
|  |                      |   |
| EXAMINER: Initials citation considered. Draw line through citation if no<br>next communication to applicant. | ot in conformance ar | nd not considered. Include copy of this form with |

Receipt date: 08/26/2004

Sheet 4 of 4

| Substitute Form PTO-1449 (Modified)  | U.S. Department of Commerce<br>Patent and Trademark Office | Attomey's Docket No.<br>13909-137001 | Application No. 10/743,343 |
|--|--|--------------------------------------|----------------------------|
| Information Disclosure Statement<br>by Applicant<br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Raiyani, et al.         |                            |
|  |  | Filing Date<br>December 23, 2003     | Group Art Unit<br>2171     |

| Other Documents (include Author, Title, Date, and Place of Publication) |        |  |  |  |  |
|---|--------|--|--|--|--|
| Examiner  | Desig. |  |  |  |  |
| Initial   | ID     | Document   |  |  |  |
|   |        | van den Broecke, Just, "Pushlets: Send Events From Servlets to DHTML Client Browsers: Discover |  |  |  |
|   |        | How Pushlets, a Servlet-Based Notification Mechanism, Enables Server-Side Java Objects to      |  |  |  |
|   | AYY    | Back JavaScript Code Within a Client Browser," March 2000, retrieved from the Internet on      |  |  |  |
| /D.A./  |        | October 30, 2002, at http://www.JavaWorld.com/javaworld/jw-03-2000/jw-03-pushlet_p.html,       |  |  |  |
| /U.A./  |        | 15 pgs.  |  |  |  |

Examiner Signature /Dana Amsdell/

Date Considered 11/24/2008